

Title (en)  
SECURE DECENTRALIZED VIDEO GAME TRANSACTION PLATFORM

Title (de)  
SICHERE DEZENTRALISIERTE VIDEOSPIELTRANSAKTIONSPLATTFORM

Title (fr)  
PLATEFORME DE TRANSACTION DE JEU VIDÉO DÉCENTRALISÉE SÉCURISÉE

Publication  
**EP 3765981 A4 20211229 (EN)**

Application  
**EP 19767701 A 20190206**

Priority  
• US 201815921471 A 20180314  
• US 2019016799 W 20190206

Abstract (en)  
[origin: US2019282906A1] Multiple video game consoles each store a blockchain ledger with multiple blocks, which is either associated with a particular video game or with a the particular type of video game console that the video game consoles are each characterized by. One of the consoles receives a message identifying an intended transaction corresponding to transfer of an identified quantity of an in-game virtual asset from a transferor account to a transferee account. The console verifies that the intended transaction is valid and generates a new block that includes the transaction, optionally one or more additional verified intended transactions, and a block header that includes a hash of a most recent block in the blockchain ledger. The console appends the new block to the blockchain ledger and transmits it to the other consoles, which each also append the new block to their copy of the blockchain ledger, thereby completing the transaction.

IPC 8 full level  
**G06F 21/00** (2013.01); **H04L 9/32** (2006.01)

CPC (source: CN EP US)  
**A63F 13/25** (2014.09 - US); **A63F 13/34** (2014.09 - EP); **A63F 13/69** (2014.09 - EP); **A63F 13/70** (2014.09 - CN); **A63F 13/71** (2014.09 - CN EP); **A63F 13/73** (2014.09 - CN); **A63F 13/79** (2014.09 - US); **A63F 13/792** (2014.09 - CN EP); **G06Q 20/0658** (2013.01 - US); **G06Q 20/123** (2013.01 - US); **G06Q 20/3825** (2013.01 - EP); **G06Q 20/3827** (2013.01 - EP); **G06Q 20/3829** (2013.01 - US); **G06Q 40/04** (2013.01 - CN); **H04L 9/3239** (2013.01 - CN EP); **H04L 9/3247** (2013.01 - CN EP); **H04L 9/3268** (2013.01 - CN); **H04L 9/50** (2022.05 - EP); **H04L 63/0428** (2013.01 - CN); **H04L 63/123** (2013.01 - CN); **H04L 63/126** (2013.01 - CN); **H04L 67/1095** (2013.01 - CN); **H04L 67/1097** (2013.01 - CN); **G06Q 2220/00** (2013.01 - US); **H04L 2209/56** (2013.01 - EP)

Citation (search report)  
• [IA] CN 107563761 A 20180109 - UNIV FUDAN  
• [T] ANDREAS M ANTONOPOULOS: "Mastering Bitcoin - Unlocking Digital Crypto-Currencies", O'REILLY, 1 December 2014 (2014-12-01), pages 1 - 282, XP055581333, Retrieved from the Internet <URL:https://unglueit-files.s3.amazonaws.com/ebf/05db7df4f31840f0a873d6ea14dcc28d.pdf> [retrieved on 20190416]  
• See also references of WO 2019177713A1

Cited by  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 11951400 B2 20240409; US 2019282906 A1 20190919**; CN 110270097 A 20190924; CN 110270097 B 20240305; CN 111544890 A 20200818; EP 3765981 A1 20210120; EP 3765981 A4 20211229; JP 2021518592 A 20210802; JP 7495350 B2 20240604; WO 2019177713 A1 20190919

DOCDB simple family (application)  
**US 201815921471 A 20180314**; CN 201910110399 A 20190211; CN 202010166870 A 20190211; EP 19767701 A 20190206; JP 2020548956 A 20190206; US 2019016799 W 20190206